

CLAIMS

1) A safety, protective and working shoe for professional use or the like, characterized in that it is provided with a transponder designed to supply data to allow identification of said shoe, with memorization of the number/name of the article, the size, the color, the safety class and/or other characteristics, the date of manufacture or any other data and also to allow monitoring of the data relative to placing it in use, treatments performed and other events, and also to allow identification of the user or designed to associate said data by means of a univocal code contained in said transponder.

2) Shoe as claimed in claim 1, characterized in that said transponder is incorporated in the device so as to make any loss and/or replacement reasonably difficult and/or easy to identify.

3) Shoe as claimed in claim 1, characterized in that said transponder is positioned in such a way that it may be recovered and re-used.

4) Shoe as claimed in claim 1, characterized in that said transponder allows identification of the class and/or the peculiar characteristics and verification of its consistency in the case of access to specific working areas.

5) Shoe as claimed in claim 1 or 2, characterized in that said transponder is designed to allow identification of the user, so as to guarantee recovery after cumulative treatments of a plurality of said shoes, such as washing, sterilization and other types of treatments.

6) Shoe as claimed in at least one of the previous claims, characterized in that said transponder is incorporated in the bottom of the shoe.

7) Shoe as claimed in at least one of the claims from 1 to 5, characterized in that the transponder is inserted between the insole and the sole of the shoe.

8) Shoe as claimed in at least one of the claims from 1 to 5, characterized in that the transponder is inserted in the upper or accessory parts of the upper in a specific housing.

9) Process to produce a shoe as claimed in at least one of the previous claims, including the production of the bottom by injecting thermoplastic resin into a mould in which a last complete with upper and insole is positioned, characterized in that the transponder is positioned in the mould before injection of the material to form the bottom, so that said transponder is incorporated in the molded sole.